



CITY COUNCIL

AGENDA REQUEST

AGENDA OF:	05-25-10	AGENDA REQUEST NO:	III-A
INITIATED BY:	SERENIAH BRELAND <i>SB</i> SUPPORT SERVICES DIRECTOR	RESPONSIBLE DEPARTMENT:	SUPPORT SERVICES
PRESENTED BY:	SERENIAH BRELAND <i>SB</i> SUPPORT SERVICES DIRECTOR	DEPARTMENT HEAD:	SERENIAH BRELAND <i>SB</i> SUPPORT SERVICES DIRECTOR
		ADDITIONAL DEPARTMENT HEAD (S):	N/A
SUBJECT / PROCEEDING:	ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT		
EXHIBITS:	N/A		
CLEARANCES		APPROVAL	
LEGAL:	N/A	EXECUTIVE DIRECTOR:	N/A
PURCHASING:	N/A	ASST. CITY MANAGER:	KAREN GLYNN <i>KG</i>
BUDGET:	N/A	CITY MANAGER:	ALLEN BOGARD <i>AB</i>
BUDGET			
EXPENDITURE REQUIRED: \$		N/A	
AMOUNT BUDGETED/REALLOCATION: \$		N/A	
ADDITIONAL APPROPRIATION: \$		N/A	
RECOMMENDED ACTION			
Review and discuss projects for Energy Efficiency and Conservation Block Grant Funding.			

EXECUTIVE SUMMARY

The City has received approval of our proposed strategy and the full allocation of \$781,400 from the Energy Efficiency and Conservation Block Grant (EECBG) Program. After completing an audit of facilities and engineering review, the City proposes to implement the Energy Efficiency Strategy submitted to the Department of Energy in an effort to improve energy efficiency and reduce electricity consumption.

This workshop will include the review and discussion of the terms of a proposed Performance Contract to proceed with implementation and the three projects accepted by the grantor.

Projects included in the Energy Efficiency Strategy are:

Project I

Interior/Exterior Lighting Improvements at Parks Maintenance Facility, Community Center, Fire Administration and Annex , Fire Station #4, Police and Courts Facility, and Public Works.

Interior/Exterior Lighting Improvements include replacement of light fixtures with T8 lamps and electronic ballast for increased energy efficiency. Some interior lights will be replaced with CFL lamps replacing incandescent lamps in existing fixtures. Occupancy sensors will be installed in specific areas so that lights turn off if a room is not in use. Exterior lights using mercury vapor lamps will be replaced with HID (high intensity discharge) lamps which do not have a long strike time (warm-up) and use less electricity than the current mercury vapor lamps.

Project II

Energy and Facility Management Control Systems Upgrades at Police/Courts Facility.

Energy and Facility Management Control Systems Upgrades at the Police Department/Municipal Court building will include re-commissioning of the existing energy management system. The system modifications will reduce the amount of outside air pulled into the building while maintaining adequate ventilation for occupants. This lowers the overall cooling load. The upgrades will also allow for more precise temperature control and regulation throughout the building. This enhances the comfort level of building occupants.

Project III

Renewable Energy (25KW Photo Voltaic)

- Oyster Creek Park (with approval of FCCA)
- Police/Courts Facility (with approval of FCCA)
- City Hall (with approval of PCD)

Renewable energy, such as Photovoltaic Solar Panels, in the following applications, generate electricity on-site and reduces the amount of energy required to be purchased. The Oyster Creek Park Solar project proposal includes the use of pole mounted solar panels. Low-profile flat panels are proposed for the rooftops of both City Hall and the Police/Courts Facility. All of these proposed projects will need extensive coordination and approval with the noted property owners association prior to any implementation.

EXHIBITS

N/A